

Abstract of the Disclosure

Deterioration in recording performance immediately after the start of recording in a magnetic recording apparatus due to the contraction of the magnetic head element in low atmospheric temperatures is prevented, thus ensuring a stable recording performance irrespective of the ambient temperature. Upon reception of a recording command for first data from a host device, second data already recorded in the same track as that of a data area where information is to be recorded is read and then stored in a memory. Dummy data is then recorded in the data area on the track, and then the first and second data stored in the memory is recorded. Magnetic disc apparatuses for car navigation systems, where stable operation under low temperatures is required, can be provided at low cost.